

DETAILED ACTION

Allowable Subject Matter

Claims 1, 3, 4, 8-10, 15, 21-37, 54, 56-67, 130-168, and 170-199 are allowed.

Double Patenting

The provisional obviousness type double patenting rejection against US Application no. 11/467,963 (US 2006/0287678) has been withdrawn in view of MPEP 804.I.B.1 (1st paragraph), which states that for the case which involves two copending applications, the provisional ODP rejection should be withdrawn for the application drawn to the "base invention" without the need for a terminal disclaimer. Accordingly, the Examiner deems this application to be the "base invention", hence, no ODP rejection was made, nor terminal disclaimer needed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian T. Gedeon whose telephone number is (571) 272-3447. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl H. Layno can be reached on (571) 272-4949. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3766

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Carl H. Layno/
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